

#### ABSTRACT OF THE DISCLOSURE

The present invention concerns a system for transmitting internal messages in a synchronizing local network. The system comprises multiple computer units for running application processes. The system further comprises multiple interface units, each for transmitting an internal message from a sending computer unit to several receiving computer units. According to the invention, the system further comprises multiple external links, each for linking a computer unit to an interface unit. The system further comprises an interconnecting device for receiving messages from sending computer units and forwarding them to receiving computer units one sent message at a time.